

What is claimed is:

1. A wireless audio-video transmission apparatus, wherein said apparatus is coupled to a cable line for wirelessly transmitting
5 audio-video signal to at least one receiver, comprising:
 - a wireless device for receiving a channel requirement signal from said at least one receiver and transmitting corresponding audio-video signal to said at least one receiver;
 - 10 a control unit coupling with said wireless device to receive said channel requirement signal through said wireless device; and
 - 15 at least one tuner card coupling with said cable line and connected in series, wherein said control unit controls said at least one tuner card to collect corresponding audio-video signal and convert said corresponding audio-video signal into a standard signal for display by a display apparatus.
2. The wireless audio-video transmission apparatus of claim 1, wherein said at least one receiver is a portable computer, a mobile apparatus or a notebook.
- 20 3. The wireless audio-video transmission apparatus of claim 1, wherein said display apparatus is a liquid crystal display.

4. The wireless audio-video transmission apparatus of claim 1,
wherein a specification of the signal transmitted by said wireless
device is 802.11XX.
- 5 5. The wireless audio-video transmission apparatus of claim 1,
wherein said wireless device is an antenna.
6. The wireless audio-video transmission apparatus of claim 1,
wherein said wireless audio-video transmission apparatus further
10 comprises a software to allocate usage of said tuner cards.
7. The wireless audio-video transmission apparatus of claim 1,
wherein said wireless audio-video transmission apparatus further
comprises a storage apparatus for storing said standard signal.
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8. A wireless audio-video transmission system, comprising:
at least one receiver with a display apparatus; and
a wireless audio-video transmission apparatus coupling with a
cable line for wirelessly transmitting audio-video signal to at least one
20 receiver, comprising:
a wireless device for receiving a channel requirement
signal from said at least one receiver and transmitting
corresponding audio-video signal to said at least one receiver;
a control unit coupling with said wireless device to receive

1 said channel requirement signal through said wireless device;
and

5 at least one tuner card coupling with said cable line and
connected in series, wherein said control unit controls said at
least one tuner card to collect corresponding audio-video signal
and convert said corresponding audio-video signal into a
standard signal for display by said display apparatus.

9. The wireless audio-video transmission system of claim 8,
10 wherein said at least one receiver is a portable computer, a mobile
apparatus or a notebook.

15 10. The wireless audio-video transmission system of claim 8,
wherein said display apparatus is a liquid crystal display.

11. The wireless audio-video transmission system of claim 8,
wherein a specification of the signal transmitted by said wireless
device is 802.11XX.

20 12. The wireless audio-video transmission system of claim 8,
wherein said wireless device is an antenna.

13. The wireless audio-video transmission system of claim 8,
wherein said wireless audio-video transmission apparatus further
comprises a software to allocate usage of said tuner cards.

5 14. The wireless audio-video transmission system of claim 8,
wherein said wireless audio-video transmission apparatus further
comprises a storage apparatus for storing said standard signal.